



Terrebonne Parish Consolidated Government

JOB DESCRIPTION

POSITION TITLE.....: Automation Analyst - Software
DEPARTMENT.....: Public Works
DIVISION.....: Forced Drainage
CLASSIFICATION/GRADE.....: Automation Analyst – Software /108
REVISED.....: 06/2022
REPORTS TO.....: Automation Integration Supervisor
REVIEWED.....: 06/2022
WAGES.....: Non-Exempt (Hourly)

SUMMARY:

Provide technical support and analysis of various phases of the day-to-day technical operations of the division. Work activities in this position consist of performing tasks for Telemetry such as field inspections, programming, and troubleshooting various software programs used in the Forced Drainage Automation System. This position requires response at any time to assist with workload or emergencies that may arise. This position is under the general supervision of the Forced Drainage Superintendent and the direct supervision of the Automation Integration Supervisor.

BASIC FUNCTIONS:

1. Able to provide conceptual design and test software.
2. Able to determine and procure software applicable to project.
3. Assist in design, fabrication and troubleshooting of remote monitoring and control programming (Scada). This consists of hardware and software components of the systems.
4. Knowledge of electrical drawings, how to read and interpret them and their terminology.
5. Must be able to use computers, network analyzers, and other assorted test equipment.
6. Capable of programming PLC, Touch Screen and Telemetry Server.
7. Must be capable of following applicable safety rules and regulations.
8. Performs other duties as may be requested by the Automation Integration Supervisor or Forced Drainage Superintendent.

OTHER REQUIREMENTS:

1. Assist in maintain the overall Telemetry network and project.
2. Assist with maintaining wireless routers and Ethernet radio communications.
3. Knowledge of electrical/electronic terminology, methods, practices, and principals applicable to area of work assignment.
4. Ability to understand and follow oral and written instructions safely.
5. Interface and communicate with other technical resources and other groups within the Parish to solve mutually related problems.
6. Willing to work in climatic conditions.
7. Incumbent will be a Tier 1 responder and will be required to work during all storm events.
8. May be required to work shift work.
9. Must have and maintain a valid Louisiana Driver's license.

EDUCATION/EXPERIENCE:

1. High School Diploma or GED Graduate.
2. Over one (1) year of experience in same or related field of telemetry.